

07/06/00

Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev 2-32) PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.: 104665	SERIAL NO.:
	APPLICANT: DUNCAN E. AKPORIAYE ET AL.	
	FILING DATE:	GROUP ART UNIT: 1764

U.S. PTO  
09/11/01  
07/06/00

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BE</i>	5,112,574	5/92	Horton	422	102	4/26/91
	5,304,354	4/94	Finley et al.	422	196	11/30/92
	5,489,726	2/96	Huss, Jr. et al.	585	671	4/26/94
	5,609,826	3/97	Cargill et al.	422	99	4/17/95
	5,612,002	3/97	Cody et al.	422	131	4/28/95
	5,746,982	5/98	Saneii et al.	422	134	2/29/96
	5,766,556	6/98	DeWitt et al.	422	131	12/31/96
	5,785,927	7/98	Scott et al.	422	104	10/24/96
	5,792,431	8/98	Moore et al.	422	134	5/30/96
	6,030,917	2/2000	Weinberg et al.	502	104	7/22/97
	6,045,671	4/2000	Wu et al.	204	298.11	4/22/97
<i>BE</i>	6,056,926	5/2000	Sugarman et al.	422	131	7/23/96

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	Int' CLASS	TRANSLATION
<i>BE</i>	WO96/11878-A1	4/96	WIPO	Schultz et al.	<del>G01G 51/04</del>	YES
	WO97/30784-A1	8/97	WIPO	Gani et al.	<del>B01J 19/00, G07K 1/04</del>	YES
	WO97/32208-A1	9/97	WIPO	Willson	<del>H01J 49/100</del>	YES
	WO98/07026-A1	2/98	WIPO	Maier et al.	<del>G01N 31/10 25/22</del>	Abstract Only
	WO98/36826-A1	8/98	WIPO	Wendelbo et al.	<del>IPC00: B01J 3/00 C30B F 29/34</del>	YES
	WO98/39099	9/98	WIPO	Zuellig et al.	<del>B01L 3/00, 11/00, 9/00, B01J 8/10, C12N 15/00</del>	YES
	WO99/19724-A1	4/99	WIPO	Atkins et al.	<del>G01N 31/10</del>	YES
	WO99/34206-A1	7/99	WIPO	Windhab et al.	<del>G01N 33/10</del>	Abstract Only
	WO99/64160	12/99	WIPO	Coppola et al.	<del>B01L 3/02, 3/00 //</del>	YES
<i>BE</i>	WO00/09255	2/2000	WIPO	Turner et al.	<del>B01J 19/00</del>	YES

Attachment to Paper 031704

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev 2-32) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO: 104665	SERIAL NO.:
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	APPLICANT: DUNCAN E. AKPORIAYE ET AL.	
	FILING DATE	GROUP ART UNIT: 1764

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BR	Akporiaye, D. E.; Dahl, I. M.; Karlsson, A.; Wendelbo, R. <i>Angew Chem. Int. Ed.</i> 1998, 37, 609-611
BR	Holzwarth, A.; Schmidt, H.; Maier, W. F. <i>Angew. Chem. Int. Ed.</i> , 1998, 37, 2644-2647
BR	Bein, T. <i>Angew. Chem. Int. Ed.</i> , 1999, 38, 323-326
BR	Taylor, S. J.; Morken, J. P. <i>Science</i> , April 1998, 280(10), 267-270
	<del>Senkam, S. M. <i>Nature</i>, July 1998, 384(23), 350-353</del>
BR	Cong, P.; Doolen, R. D.; Fan, Q.; Giaquinta, D. M.; Guan, S.; McFarland, E. W.; Poojary, D. M.; Self, K.; Turner, H. W.; Weinberg, W. H. <i>Angew Chem. Int. Ed.</i> 1999, 38, 484-488
BR	Klien, J.; Lehmann, C. W.; Schmidt, H.; Maier, W. F. <i>Angew Chem. Int. Ed.</i> 1998, 37, 3369-3372
EXAMINER	<i>Bunia Ridley</i>
DATE CONSIDERED	3/16/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev 2-32) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO.: 104665	SERIAL NO.: 09/611,071
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	APPLICANT: DUNCAN E. AKPORIAYE ET AL.	
	FILING DATE: 7/6/00	GROUP ART UNIT: 1764

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	INTL CLASS	TRANSLATION
DE	DE 198 09 477 A1	9/16/99	GERMANY	SCHÜTH	<del>G01N 34/48</del>	YES
WO	WO 98/52685	11/26/98	PCT	KAYSER	<del>B01J 19/00</del>	YES

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>Bonnie Pickney</i>	DATE CONSIDERED	3/16/04
----------	-----------------------	-----------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Attachment to Paper 031704

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 104665

SERIAL NO.: 09/611,071

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT: DUNCAN E. AKPORIAYE ET AL.

FILING DATE: 7/6/00

GROUP ART UNIT: 1764

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	INT'L CLASS	TRANSLATION
	DE 198 09 477 A1	9/16/99	GERMANY	SCHÜTH	GO1N 31/10	YES
	WO 98/52685	11/26/98	PCT	KAYSER	BO1J 19/00	YES

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	DATE CONSIDERED		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*duplicate of  
paper filed  
on 9/24/01  
BR 3/16/04*

**RECEIVED**  
JAN 22 2002  
IC 1/00

Attachment to Paper 031704

09/25/02 WED 15:40 FAX 847-881 2387

UOP PATENT DPT.

9/25/02

206

Sheet: 1 of 1

<b>FORM PTO-1449</b> U.S. DEPARTMENT OF COMMERCE (Rev 2-82) <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.:</b>  104665	<b>SERIAL NO.:</b>  09/611,071
	<b>APPLICANT:</b>  DUNCAN AKPORIAYE ET AL.	
	<b>FILING DATE:</b>  July 6, 2000	<b>GROUP ART UNIT:</b>  1764

**U.S. PATENT DOCUMENTS**

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
			Font, R.; Mareilla, A; Verdu, E.; Dovesa, J.; Ind. Eng. Chem. Prod. Res. Dev. 1988 (25) 491-498.
EXAMINER			DATE CONSIDERED
Baria Ridley			3/16/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Attachment to Paper 031704